INDEX TO VOLUME 33

PAGE

Addis, T., Sharlit, H., and Lyle, W. G.: Specific gravity of urine..... 109
Ammonia, urinary, origin of; I. M. Rabinowitch..... 394
Anemia, pernicious, disturbances of renal function in; E. J. Stieglitz..... 58
splenic, histogenesis and nature of Gaucher's disease; T. R. Waugh and D. S. MacIntosh 599
Aneurysm, arteriovenous, diagnosis and pathologic physiology of; C. F. Hoover and A. J. Beams..... 1
Arilus cristatus (Hemiptera; Reduviidae), lesions due to bite of the wheel-bug; M. C. Hall..... 513
Arteriosclerosis and hypertension; J. P. O'Hare and W. G. Walker..... 343
Athletes, observations on group of marathon runners, with special reference to circulation; B. Gordon, S. A. Levine and A. Wilmaers..... 425
Auricular fibrillation in goiter; E. A. Baumgartner, C. W. Webb and H. Schoonmaker 500

Bacillus acidophilus, clinical results obtained with; N. Kopeloff..... 47
acidophilus therapy, studies on nature of; N. Kopeloff and P. Beerman... 55
Bacteremia, direct blood-stream infection through tonsils; S. J. Crowe..... 473
Baehr, G., and Rosenthal, N.: Paradoxical shortening of coagulation time of the blood after intravenous administration of sodium citrate..... 535
Barrier, C. W., and Rockwood, R.: Calcium treatment for edema..... 643
Baumgartner, E. A., Webb, C. W., and Schoonmaker, H.: Auricular fibrillation in goiter 500
Beams, A. J., and Hoover, C. F.: Diagnosis and pathologic physiology of arteriovenous aneurysm 1
Beerman, P., and Kopeloff, N.: Studies on nature of bacillus acidophilus therapy 55
Blood circulation, congenital peripheral resistance, its causative relation to the precocious hypertensive states; E. Moschcowitz..... 566
circulation, mechanism of peripheral stasis in myocardial insufficiency, capillary and venous pressures; E. P. Boas and G. Dooneief..... 407
circulation, observations on group of marathon runners, with special reference to circulation; B. Gordon, S. A. Levine and A. Wilmaers..... 425
coagulation time, paradoxical shortening of, after intravenous administration of sodium citrate; N. Rosenthal and G. Baehr..... 535
pressure, arteriosclerosis and hypertension; J. P. O'Hare and W. G. Walker 343
pressure, clinical observations on dynamics of ventricular systole; hypertension; H. S. Feil and L. N. Katz..... 321
pressure, congenital peripheral resistance; its causative relation to precocious hypertensive states; E. Moschcowitz..... 566
pressure, effect of amyl nitrite, bleeding and epinephrin on blood pressure and size of cat's heart; B. Gordon and G. Wells..... 738
Blumgart, H. L.: Study of mechanism of absorption of substances from nasopharynx 415

PAGE

Boas, E. P., and Dooneief, G.: Mechanism of peripheral stasis in myocardial insufficiency, capillary and venous pressures 407

Book Reviews:
Blood Chemistry Colorimetric Methods; W. J. Stone 658
A Clinical Guide to Bedside Examination; H. Elias, N. Jagic and A. Luger 788
La Dégénérescence Hépato-Lenticulaire. Maladie de Wilson Pseudo-Sclérose; H. C. Hall 279
Diathermy and Its Application to Pneumonia; H. E. Stewart 533
Dietary of Health and Disease; G. I. Thomas 788
Infection and Resistance; H. Zinsser 156
Investigations Into the Occurrence and Classification of the Haemoglobinophilic Bacteria; M. Kristensen 156
Lectures on Endocrinology; W. Timme 658
Modern Aspects of the Circulation in Health and Disease; C. J. Wiggers 280
Non-Surgical Drainage of the Gall Tract; B. B. V. Lyon 155
Nosography in Modern Internal Medicine; K. Faber 533
Pulmonary Tuberculosis; M. Fishberg 406
The Therapeutic Use of Digitalis; G. C. Robinson 155
Treatment of Diabetes Mellitus; E. P. Joslin 406
Tubercle Bacillus Infection and Tuberculosis in Man and Animals; A. Calmette 156

Boynton, R. E.: Comparison of normal standards for vital capacity of lungs of women 292
Brown, G. E., and Keith, N. M.: Blood and plasma volume in obesity 217
Bushnell, G. E.: Human thorax considered as a resonator 763

Caffein, value of caffein as an antidote for morphin; C. C. Haskell, J. E. Rucker and W. S. Snyder, Jr. 314
Cajori, F. A., and Meyer, A. W.: Anatomic and chemical report on a unique case of myeloma 581
Campbell, L. L., McClure, C. W., and Montague, O. C.: The p_H and buffer values of duodenal contents derived from normal men 525
Carlson, A. J., and Litt, S.: Studies on visceral nervous system; reflex control of pylorus 281
Cerebrospinal fluid, comparative results of colloidal gold and colloidal mastic tests, an analysis of 1,707 spinal fluids; H. Wassermann 401
Citrate, paradoxical shortening of the coagulation time of the blood after intravenous administration of sodium citrate; N. Rosenthal and G. Baehr 535
Clawson, B. J.: Analysis of 220 cases of endocarditis, with special reference to subacute bacterial type 157
Creatinin test for renal function; R. H. Major 89
Crowe, S. J.: Direct blood-stream infection through tonsils 473

Diabetes, insulin in severer forms of diabetes with report of cases; L. F. Frissell and J. Hajek 230
excretion of organic acids in urine of patients with diabetes mellitus; P. Starr and R. Fitz 97

PAGE

Digitalis, clinical studies of digitalis; effects produced by administration of massive dosage to patients with normal mechanism; D. Luten..... 251
rectal digitalis therapy; R. L. Levy..... 742
therapy, ventricular ectopic tachycardia complicating; W. D. Reid..... 23
Dooneief, G., and Boas, E. P.: Mechanism of peripheral stasis in myocardial insufficiency; capillary and venous pressures..... 407
Downey, H.: Occurrence and significance of "myeloblast" under normal and pathologic conditions 301
Drug addiction; presence of toxic substances in blood serum in morphin habituation; E. J. Pellini and A. D. Greenfield..... 547
Duodenum, contents, the p_H and buffer values of duodenal contents derived from normal men; C. W. McClure, O. C. Montague and L. L. Campbell 525
Dyspnea, effect of dyspnea variously produced on vital capacity of lungs; M. Joannides 145

Edema, calcium treatment for; R. Rockwood and C. W. Barrier..... 643
Endocarditis, analysis of 220 cases with special reference to subacute bacterial type; B. J. Clawson..... 157
a hitherto undescribed form of valvular and mural endocarditis; E. Libman and B. Sacks..... 701
Erythrocytes, properties of young erythrocytes in relation to agglutination and their behavior in hemorrhage and transfusion; R. Isaacs..... 193

Feil, H. S., and Katz, L. N.: Clinical observations on dynamics of ventricular systole; hypertension..... 321
Feinblatt, H. M.: Alimentary leukocytosis in various pathologic conditions; further study in reference to crise hémoclasique of Widal..... 210
Fitz, R., and Starr, P.: Excretion of organic acids in urine of patients with diabetes mellitus 97
Frissell, L. F., and Hajek, J.: Insulin in severer forms of diabetes..... 230
Fulton, W. B.: An improved air valve for apparatus used in basal metabolic work 497

Gager, L. T.: Conduction changes accompanying pericardial effusion with consideration of a local circulatory factor in heart block..... 449
Gauchat, H. W., and Katz, L. N.: Pulsus paradoxus (with special reference to pericardial effusions); clinical..... 350
Pulsus paradoxus (with special reference to pericardial effusions); experimental 371
Gaucher's disease: See Anemia, splenic
Goiter, auricular fibrillation in; E. A. Baumgartner, C. W. Webb and H. Schoonmaker 500
exophthalmic, metabolism-pulse ratio in exophthalmic goiter and in leukemia, with remarks on certain similarities in symptomatology of these diseases; G. R. Minot and J. H. Means..... 576
toxic, differential improvements in symptoms of toxic goiter during roentgen-ray treatment and rest; M. M. Kunde..... 758
Gordon, B., and Wells, G.: Effect of amyl nitrite, bleeding and epinephrin on blood pressure and size of cat's heart..... 738
—Levine, S. A., and Wilmaers, A.: Observations on a group of marathon runners, with special reference to circulation..... 425

PAGE

Greenfield, A. D., and Pellini, E. J.: Narcotic drug addiction; presence of toxic substances in blood serum in morphin habituation..... 547

Hajek, J., and Frissell, L. F.: Insulin in severer forms of diabetes..... 230
Hall, M. C.: Lesions due to bite of the wheel-bug, Arilus cristatus (Hemiptera; Reduviidae) 513
Harbitz, F.: Hematoporphyrinuria as an independent disease ("hematoporphyria") and as a symptom of liver disease and intoxications.... 632
Haskell, C. C., Rucker, J. E., and Snyder, W. S., Jr.: Value of caffein as an antidote for morphin 314
Heart beat, clinical observations on dynamics of ventricular systole; hypertension; H. S. Feil and L. N. Katz..... 321
block, conduction changes accompanying pericardial effusion, with a consideration of a local circulatory factor in heart block; L. T. Gager.. 449
insufficiency, mechanism of peripheral stasis in myocardial insufficiency, capillary and venous pressures; E. P. Boas and G. Dooneief..... 407
size, effect of amyl nitrite, bleeding and epinephrin on blood pressure and size of cat's heart; B. Gordon and G. Wells..... 738
Hematoporphyrinuria as an independent disease ("hematoporphyria") and as a symptom of liver disease and intoxications; F. Harbitz..... 632
Hemoclastic crisis, alimentary leukocytosis in various pathologic conditions, further study in reference to crise hémoclasique of Widal; H. M. Feinblatt 210
Hoover, C. F., and Beams, A. J.: Diagnosis and pathologic physiology of arteriovenous aneurysm 1

Insect bites, lesions due to bite of the wheel-bug, Arilus cristatus (Hemiptera; Reduviidae); M. C. Hall..... 513
Intestines, gastric secretion, gastro-intestinal motility and position of stomach in group of 250 children of Lymanhurst School; C. B. Wright 435
Isaacs, R.: Properties of young erythrocytes in relation to agglutination and their behavior in haemorrhage and transfusion..... 193

Jaffe, R. H.: Sarcoma and carcinoma of liver following cirrhosis..... 330
Joannides, M.: Effect of dyspnea variously produced on vital capacity of lungs 145

Katz, L. N., and Feil, H. S.: Clinical observations on dynamics of ventricular systole; hypertension 321
—and Gauchat, H. W.: Pulsus paradoxus (with special reference to pericardial effusions); clinical 350
Pulsus paradoxus (with special reference to pericardial effusions); experimental 371
Keith, N. M., and Brown, G. E.: Blood and plasma volume in obesity..... 217
Kidney function, creatinin test for; R. H. Major..... 89
function, disturbances in pernicious anemia; E. J. Stieglitz..... 58
histologic hydrogen-ion studies of kidney; E. J. Stieglitz..... 483
Kopeloff, N.: Clinical results obtained with bacillus acidophilus..... 47
—and Beerman, P.: Studies on nature of bacillus acidophilus therapy..... 55
Kunde, M. M.: Differential improvements in symptoms of toxic goiter during roentgen-ray treatment and rest..... 758

PAGE

Leiter, L.: Experimental chronic glomerulonephritis..... 611
Lemon, W. S., and Moersch, H. J.: Basal metabolism and vital capacity.. 130
Comparison of constants for determination of vital capacity..... 118
Factors influencing vital capacity..... 136
Vital capacity in relation to operative risk..... 128
Leukemia, metabolism-pulse ratio in exophthalmic goiter and in leukemia, with remarks on certain similarities in the symptomatology of these diseases; G. R. Minot and J. H. Means..... 576
a study of mixed leukemia with report of a case; R. C. Logefeil..... 659
Leukocytes, occurrence and significance of the "myeloblast" under normal and pathologic conditions, preliminary account; H. Downey..... 301
alimentary leukocytosis in various pathologic conditions, further study in reference to crise hémoclasique of Widal; H. M. Feinblatt..... 210
Levine, S. A., Wilmaers, A., and Gordon, B.: Observations on group of marathon runners, with special reference to circulation..... 425
Levy, R. L.: Rectal digitalis therapy..... 742
Libman, E., and Sacks, B.: A hitherto undescribed form of valvular and mural endocarditis 701
Litt, S., and Carlson, A. J.: Studies on visceral nervous system; reflex control of pylorus 281
Liver disease, hematoporphyrinuria as an independent disease ("hematoporphyria") and as a symptom of liver disease and intoxications; F. Harbitz 632
sarcoma and carcinoma of liver following cirrhosis; R. H. Jaffe..... 330
Logefeil, R. C.: A study of mixed leukemia with report of a case..... 659
Luten, D.: Clinical studies of digitalis; effects produced by administration of massive dosage to patients with normal mechanism..... 251
Lyle, W. G., Addis, T., and Sharlit, H.: Specific gravity of urine..... 109

McClure, C. W., Montague, O. C., and Campbell, L. L.: The p_H and buffer values of duodenal contents derived from normal men..... 525
MacIntosh, D. S., and Waugh, T. R.: Histogenesis and nature of Gaucher's disease 599
Major, R. H.: Creatinin test for renal function..... 89
Means, J. H., and Minot, G. R.: Metabolism-pulse ratio in exophthalmic goiter and in leukemia, with remarks on certain similarities in symptomatology of these diseases..... 576
Mercuric chlorid poisoning; H. B. Weiss..... 224
Metabolism, basal, an improved air valve for apparatus used in basal metabolic work; W. B. Fulton..... 497
basal, and vital capacity; W. S. Lemon and H. J. Moersch..... 130
Meyer, A. W., and Cajori, F. A.: Anatomic and chemical report on a unique case of myeloma 581
Milk, bacillus acidophilus: See Bacillus acidophilus
Minot, G. R., and Means, J. H.: Metabolism-pulse ratio in exophthalmic goiter and in leukemia, with remarks on certain similarities in symptomatology of these diseases..... 576
Mitral stenosis, paralysis of left recurrent laryngeal nerve in mitral stenosis; report of case, and review of literature; M. Notkin..... 71

PAGE

Moersch, H. J., and Lemon, W. S.: Basal metabolism and vital capacity... 130
Comparison of constants for determination of vital capacity..... 118
Factors influencing vital capacity..... 136
Vital capacity in relation to operative risk..... 128
Montague, O. C., Campbell, L. L., and McClure, C. W.: The p_H and buffer values of duodenal contents derived from normal men..... 525
Morphin addiction, presence of toxic substances in blood serum in; E. J. Pellini and A. D. Greenfield..... 547
skin-reaction to; J. D. Pilcher and T. Sollmann..... 516
value of caffein as an antidote for; C. C. Haskell, J. E. Rucker and W. S. Snyder, Jr. 314
Morse, P. F.: Symptomatic polycythemia with cyanosis and dyspnea..... 459
Moschcowitz, E.: Congenital peripheral resistance; its causative relation to precocious hypertensive states..... 566
Myeloblasts, occurrence and significance of the "myeloblast" under normal and pathologic conditions, preliminary account; H. Downey..... 301
Myeloma, anatomic and chemical report on a unique case of; A. W. Meyer and F. A. Cajori..... 581

Nasopharynx, study of mechanism of absorption of substances from nasopharynx; H. L. Blumgart..... 415
Nephritis, experimental chronic glomerulonephritis; L. Leiter..... 611
Nervous system, studies on visceral nervous system; reflex control of pylorus; A. J. Carlson and S. Litt..... 281
Notkin, M.: Paralysis of left recurrent laryngeal nerve in mitral stenosis.. 71

Obesity, blood and plasma volume in obesity; G. E. Brown and N. M. Keith 217
O'Hare, J. P., and Walker, W. G.: Arteriosclerosis and hypertension..... 343

Paralysis of left recurrent laryngeal nerve in mitral stenosis, report of case, and review of literature; M. Notkin..... 71
Pellini, E. J., and Greenfield, A. D.: Narcotic drug addiction; presence of toxic substances in blood serum in morphin habituation..... 547
Pericardial effusions, observations on pulsus paradoxus (with special reference to pericardial effusions); H. W. Gauchat and L. N. Katz..350, 371
conduction changes accompanying pericardial effusion, with a consideration of a local circulatory factor in heart block; L. T. Gager..... 449
Pilcher, J. D., and Sollmann, T., Skin-reaction to morphin..... 516
Polycythemia, symptomatic polycythemia with cyanosis and dyspnea; P. F. Morse 459
Pulsus paradoxus, observations on (with special reference to pericardial effusions); H. W. Gauchat and L. N. Katz.....350, 371
Pylorus, reflex control of, studies on visceral nervous system; A. J. Carlson and S. Litt 281

Rabinowitch, I. M.: Origin of urinary ammonia..... 394
Reid, W. D.: Ventricular ectopic tachycardia complicating digitalis therapy 23
Rockwood, R., and Barrier, C. W.: Calcium treatment for edema..... 643

PAGE

Rosenthal, N., and Baehr, G.: Paradoxical shortening of coagulation time of the blood after intravenous administration of sodium citrate..... 535
Rucker, J. E., Snyder, W. S., Jr., and Haskell, C. C.: Value of caffein as an antidote for morphin..... 314

Sacks, B., and Libman, E.: A hitherto undescribed form of valvular and mural endocarditis 701
Sawyer, W. A., and Sweet, W. C.: Comparison of certain methods of treatment and diagnosis of hookworm infection..... 35
Schoonmaker, H., Baumgartner, E. A., and Webb, C. W.: Auricular fibrillation in goiter 500
Sharlit, H., Lyle, W. G., and Addis, T.: Specific gravity of urine..... 109
Shepard, W. P.: Effect of certain past diseases on vital capacity..... 185
Snyder, W. S., Jr., Haskell, C. C., and Rucker, J. E.: Value of caffein as an antidote for morphin 314
Sollmann, T., and Pilcher, J. D.: Skin-reaction to morphin..... 516
Starr, P., and Fitz, R.: Excretion of organic acids in urine of patients with diabetes mellitus 97
Stieglitz, E. J.: Disturbances of renal function in pernicious anemia..... 58
Histologic hydrogen-ion studies of kidney..... 483
Stomach, gastric secretion, gastro-intestinal motility and position of stomach, in group of 250 children of Lymanhurst School; C. B. Wright..... 435
Surgery, vital capacity in relation to operative risk; W. S. Lemon and H. J. Moersch 128
Sweet, W. C., and Sawyer, W. A.: Comparison of certain methods of treatment and diagnosis of hookworm infection..... 35
Syphilis, serodiagnosis, comparative results of colloidal gold and colloidal mastic tests, an analysis of 1,707 spinal fluids; H. Wassermann..... 401

Tachycardia, ventricular ectopic, complicating digitalis therapy; W. D. Reid 23
Thorax, human thorax considered as a resonator; G. E. Bushnell..... 763
Tonsils, direct blood-stream infection through tonsils; S. J. Crowe..... 473

Uncinariasis, comparison of certain methods of treatment and diagnosis of hookworm infection; W. A. Sawyer and W. C. Sweet..... 35
Urine, excretion of organic acids in urine of patients with diabetes mellitus; P. Starr and R. Fitz..... 97
origin of urinary ammonia; I. M. Rabinowitch..... 394
specific gravity of; H. Sharlit, W. G. Lyle and T. Addis..... 109

Vital capacity and basal metabolism; W. S. Lemon and H. J. Moersch..... 130
comparison of constants for determination of; W. S. Lemon and H. J. Moersch 118
effect of certain past diseases on; W. P. Shepard..... 185
effect of dyspnea variously produced on; M. Joannides..... 145
factors influencing; W. S. Lemon and H. J. Moersch..... 136
in relation to operative risk; W. S. Lemon and H. J. Moersch..... 128
of women, comparison of normal standards for; R. E. Boynton..... 292

Walker, W. G., and O'Hare, J. P.: Arteriosclerosis and hypertension..... 343

PAGE

Wassermann, H.: Comparative results of colloidal gold and colloidal mastic tests; an analysis of 1,707 spinal fluids 401

Waugh, T. R., and MacIntosh, D. S.: Histogenesis and nature of Gaucher's disease 599

Webb, C. W., Schoonmaker, H., and Baumgartner, E. A.: Auricular fibrillation in goiter 500

Weiss, H. B.: Mercuric chlorid poisoning 224

Wells, G., and Gordon, B.: Effect of amyl nitrite, bleeding and epinephrin on blood pressure and size of cat's heart 738

Wilmaers, A., Gordon, B., and Levine, S. A.: Observations on group of marathon runners, with special reference to circulation 425

Wright, C. B.: Gastric secretion, gastro-intestinal motility and position of stomach, in a group of 250 children of Lymanhurst School 435